



# **CD-100/11**

***CD-PLAYER***



## **User manual**

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# Contents

## Contents

Congratulations of your purchase of the XTZ CD-100/11.

CD-100/11 provides many possibilities, in order to utilize this product in the best way, please read the manual carefully before using the unit. If you have any problems with the installation, please feel free to contact our free support.

**Support** info on the last page of the user manual.



Read the manual before using the product and use all possibilities carefully.

## About XTZ

### Philosophy

Our reference and starting point is to recreate a natural sound, taking into account that acoustics always is a matter of taste.

### XTZ Goal

**Our main goal is to provide the best value for money.**

Our concept:

- Cut down the numbers of middlemen.
- Put more money on product quality and less on advertising.
- Manufacture cost-effective in large volume.
- Provide perfect technical solutions.

### Contact

Website: **[www.xtz.se](http://www.xtz.se)**  
E-mail: **[info@xtz.se](mailto:info@xtz.se)**

## Technical presentation

<b>CD Player</b>	<p>XTZ CD-100/11 is our new upgraded CD-player.</p> <p>We have chosen a platform to go with our design. A CD player should not make any noise, so we put a lot of energy to find a silent drive that could fill our demands and wishes.</p> <p>We believe a good CD player should not cost a small fortune. It should be something that every person can buy.</p> <p>A stable chassis and reliable technology is the base for good quality. To adapt the CD player for coming products we have put balanced XLR-output connections.</p> <p>If the CD player doesn't get any signal, it goes into the standby mode after 30 minutes.</p>	
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<b>Cabinet</b>	<p>The Cabinet, which has the same smooth shapes as the A100 D3 amplifier, is mostly made in aluminium. This gives a genuine quality impression and a rock solid construction.</p> <p>Outer disturbance is effectively shielded by the aluminium which also leads away the heat effectively. This is a way of integrate an effective cooling and a matching design.</p>	
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<b>Remote control</b>	<p>CD-100/11 has a newly developed remote control, to adapt to new functions and making the management easier and better. The design of the remote control is the same as for the amplifier XTZ Class A100 D3.</p>	
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# Preparations

<b>Unpacking</b>	<p>Carefully unpack the product, and pay attention so you don't break anything. If possible, save the packing box for future transportations. If there should be damage on the product, please contact your retailer.</p> <p>Check that the mains voltage marking on the back panel matches your local mains voltage. If the product is cold, wait to connect the power cable till it reaches room temperature. If you don't do this you can cause damage of the product.</p>
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<b>Accessories</b>	Main power cable	
	Remote control	
	User manual	

## Practice of sound / Installation and placement tips

This chapter contains common information on loudspeaker placement and installation.

This is general rules, so there are exceptions of some rules.

### In which room do you achieve the best sound?

No matter how good the equipment is, in the wrong listening environment it will inevitably sound bad. There are some basic rules concerning a proper loudspeaker installation:

### Furnishings / Sound quality

Carpets, curtains and soft furniture absorb mid-range and high frequency sound, and this is preferable. Big empty area, on the contrary, reflects it and produces hard reflections that may lead to blurry dialogue. Apart from colouring the sound, also the perspective of the sound will deteriorate. More furnishings attenuate unwanted resonances and act as diffusers, which can improve the sound dramatically.

### Amplification of bass frequencies

A loudspeaker that is placed near a wall, ceiling or floor will amplify lower frequencies in a sometimes not desirable way (since it may lead to an indistinct sound recreation). This amplification becomes even more obvious if the loudspeaker is placed near a corner. Thus, for a sound as clear as possible, the loudspeaker should be placed at least 30 cm (about 12 inch) away from the wall.

Some constructions are made to be placed close to a wall.

### Room dimension

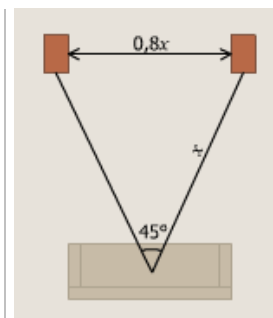
Quadratic rooms or rooms where the length is exactly twice as long as the width should be avoided, since they may create unwanted resonance.

### Placement of the loudspeakers

How you place the speakers in relation to the audience is important to get a good soundstage.

### Front speakers

To get the best result the front speakers should be placed symmetrical in front of the listener. The distance between the front speakers should be around 80% of the distance to the listener. In other words, the recommended angle between the front speakers should be  $45^\circ$ .



### Angle the loudspeakers

Either you can angle the speakers toward the listener, or let them stand in a straight-forward position. Some speaker sound better when they are angled inward, but it can also be caused by reflections from side walls. If they are angled reduces glare and reflections from the walls and thereby enhances the stereo image.

### Correct height

If the loudspeakers are small they should be placed on a stand or tilted so the sound will level with the ears.

## Cables

Try to keep them as short as possible. By its electrical parameters, a long conductor will have a bigger influence on the sound than a short one. It may also work as an antenna and thus receive various signals that may become a constant noise in an active subwoofer.

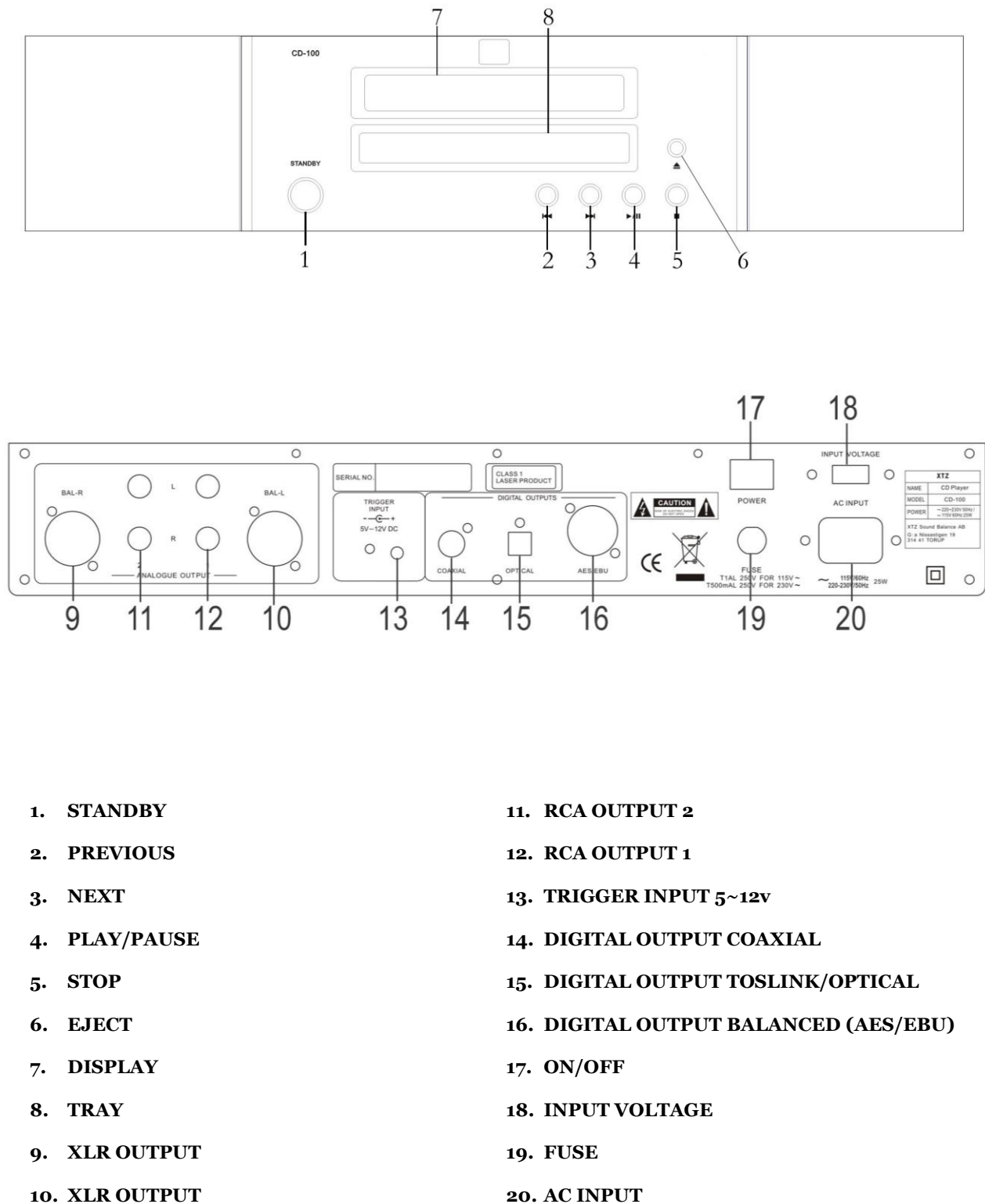
Make sure that all connections are clean and not oxidized. All connections should be mechanically stable, both power, signal and loudspeaker cables. Signal cables should be separated from other cables.

## Finally

Please remember that good sound is a matter of taste, so you have to experiment to obtain your favourite one. We wish you best of luck!



## Functional reference



## Remote control

**21. STANDBY**

**22. DISPLAY**

**23. EJECT**

**24. TRACK**

**25. PREVIOUS**

**26. NEXT**

**27. FAST REWIND**

**28. FAST FORWARD**

**29. STOP**

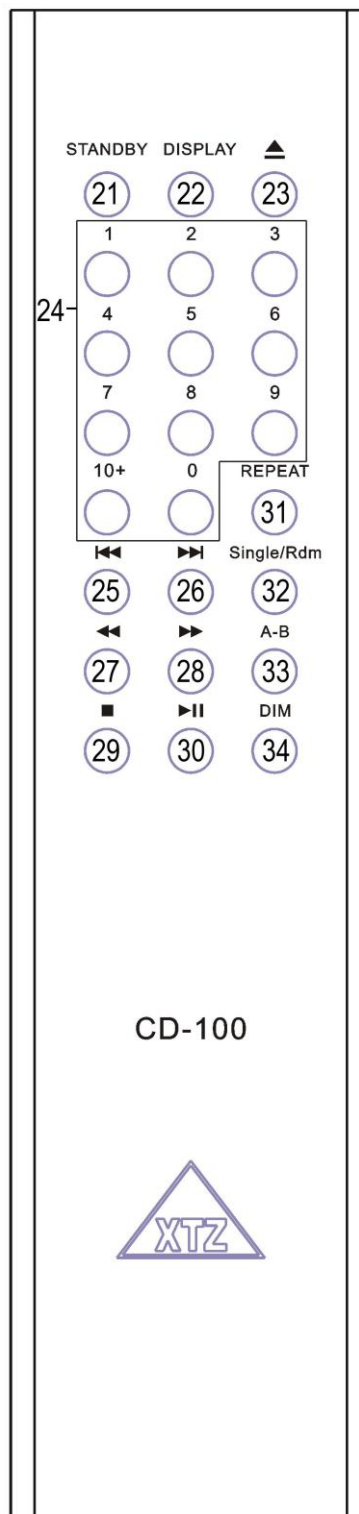
**30. PLAY/PAUSE**

**31. REPEAT**

**32. SINGLE/RDM (RANDOM)**

**33. A-B**

**34. DIM (DIMMER)**



<b>1 STANDBY</b>	To set the product in standby mode, without turning it off.	
<b>2 PREVIOUS</b>	Step to previous track	
<b>3 NEXT</b>	Step to next track	
<b>4 PLAY/PAUSE</b>	To start or to pause the track	
<b>5 STOP</b>	To stop the track	
<b>6 EJECT</b>	To open the tray or close it	
<b>7 DISPLAY</b>	Where the information is shown	
<b>8 TRAY</b>	Where to put the disc	
<b>9 XLR</b>	XLR Output - Right	
<b>10 XLR</b>	XLR Output - Left	
<b>11 RCA</b>	RCA Output - 2	Left is placed over the Right output
<b>12 RCA</b>	RCA Output - 1	Left is placed over the Right output
<b>13 12V TRIGGER</b>	12v Trigger input 5-12v DC	It is for other equipment to trigger the CD-100 on/off (>20mA)
<b>14 COAX</b>	Digital output, Coax	75 Ohm
<b>15 OPTICAL</b>	Digital output, Toslink/Optical	
<b>16 AES/EBU</b>	Digital output, Balanced	110 Ohm
<b>17 ON/OFF</b>	ON / OFF	
<b>18 INPUT VOLTAGE</b>	The input voltage that is used	EU ~220-240V & USA ~110-130V
<b>19 FUSE</b>	Glass fuse	230V: 500mA, 115V: 1A
<b>20 AC INPUT</b>	To put the power chord	

## Remote control

<b>21 STANDBY</b>	To set the product in standby mode, without turning it off.	
<b>22 DISPLAY</b>	Possibility to get different kind of information.	
<b>23 EJECT</b>	To open or close the tray	
<b>24 TRACK</b>	Chose of track	Track over "10". To get to track "17". Press "10+" and then "7"
<b>25 PREVIOUS</b>	Step back to previous track	
<b>26 NEXT</b>	Step to next track	
<b>27 FAST REWIND</b>	Fast rewind	
<b>28 FAST FORWARD</b>	Fast forward	
<b>29 STOP</b>	To stop the track	
<b>30 PLAY/PAUSE</b>	To start the track or to put it in pause mode	
<b>31 REPEAT</b>	Repeat the album	
<b>32 SINGLE/RDM</b>	Repeat the track and Random play	Press once, single track playing Press again, enters random playing Press once again, back to normal playing
<b>33 A-B</b>	Repetition between A & B	A is start. B is stop
<b>34 DIM</b>	Lower the light in the display	ON /DIM /OFF is the alternative

# Technical specifications

Construction type	CD Player	
Dimensions	112 x 445 x 375 mm (HxWxD)	Inc Feet & Terminals
Weight	9 kg	13 kg with cardboard box
Frequency response	20 Hz- 20kHz (+/- 0.5dB)	
Channel separation	>= 95dB @ 1kHz	
THD with noise	<=0.01% (1kHz)	
Distortion	< 0.03% (1kHz, 10W)	
SNR Ratio	>=100dB (A Weighted)	
DAC	Analog Devices AD1955, Upsampling to 384Khz	
Power	~220-240V & ~110-130V	
Terminals	Gold plated RCA, XLR	

## Service & support

### Safety

Read the manual and all safety instructions before using the product.

Do not expose the product for high temperatures. Avoid putting the product in a closed rack or drawer.

Be careful with moisture, fluids and dust.

Do not open the product when the power chord is connected.

Do not use the ON/OFF button many times in a row.

House the product, so that small objects can not fall in to it.

At longer absence, make sure to unplug the power chord.

Connection:

Perform all connections before the power is switch on. Never connect cables to amplifiers or DACs while the power is on.

### Service

If you need service contact your local dealer.

You are always welcome to contact us if you have problems with product by e-mail: **support@xtz.se**

Webpage: **www.xtz.se**

ALWAYS pack the product / part very carefully. Unfortunately damages during transportation are very common. If the package is weak, the transporting company does not compensate damages. Always enclose a copy of the receipt and a description of the defect.

### Support

Please contact our “free-of-charge” support if you need installation advice, or if any problems occur during the installation.

Contact us by e-mail **support@xtz.se** and include your phone number if you require help, and we will call you back.

### Warranty

This product is supplied with ONE year warranty against manufacturing faults or defects that might alter the performance of the unit. Refer to your supplier for full sales and warranty terms.